

**Listing of the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A sample carrier comprising:  
a structural array; and  
a plurality of discrete sample nodes; each of said plurality of discrete sample nodes being removably attached to said structural array at a respective attachment point and comprising a sample support medium operative to carry a discrete sample in desiccated form.
2. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of discrete sample nodes is operative to carry a biological sample.
3. (Original) The sample carrier of claim 2 wherein said biological sample is a protein.
4. (Original) The sample carrier of claim 2 wherein said biological sample is a polynucleotide.
5. (Original) The sample carrier of claim 4 wherein said polynucleotide is DNA.
6. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of discrete sample nodes is operative to carry a non-biological sample.
7. (Original) The sample carrier of claim 1 further comprising identifying indicia.
8. (Original) The sample carrier of claim 7 wherein said indicia are decipherable by an optical sensor.
9. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of discrete sample nodes comprises an associated transceiver operative to transmit a unique signal.

10. (Original) The sample carrier of claim 9 wherein said transceiver is further operative to receive a control signal from a remote device.
11. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of discrete sample nodes is solid.
12. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of discrete sample nodes is porous.
13. (Previously Presented) The sample carrier of claim 1 wherein each of said plurality of sample nodes is constructed of said sample support medium.
14. (Previously Presented) The sample carrier of claim 1 wherein said sample support medium comprises cellulose.
15. (Previously Presented) The sample carrier of claim 1 wherein said sample support medium comprises a polymer.
16. (Original) The sample carrier of claim 15 wherein said polymer is polystyrene.
17. (Previously Presented) The sample carrier of claim 1 wherein said sample support medium is derivatized.
18. (Original) The sample carrier of claim 17 wherein said sample support medium is positively charged.
19. (Original) The sample carrier of claim 17 wherein said sample support medium is negatively charged.
20. (Previously Presented) A sample carrier comprising:
  - a plurality of structural arrays supported in a predetermined spatial relationship;
  - and
  - a plurality of discrete sample nodes; wherein each of said plurality of discrete sample nodes is removably attached to one of said plurality of structural arrays at a

respective attachment point and comprises a sample support medium operative to carry a discrete sample in desiccated form.

21. (Original) The sample carrier of claim **20** wherein each of said plurality of structural arrays is supported in a predetermined spatial relationship relative to a respective sample container.
22. (Original) The sample carrier of claim **20** wherein each of said plurality of structural arrays is supported in a predetermined spatial relationship relative to a respective well of a multi-well plate.
23. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes is operative to carry a biological sample.
24. (Original) The sample carrier of claim **23** wherein said biological sample is a protein.
25. (Original) The sample carrier of claim **23** wherein said biological sample is a polynucleotide.
26. (Original) The sample carrier of claim **25** wherein said polynucleotide is DNA.
27. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes is operative to carry a non-biological sample.
28. (Original) The sample carrier of claim **20** further comprising identifying indicia.
29. (Original) The sample carrier of claim **28** wherein said indicia are decipherable by an optical sensor.
30. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes comprises an associated transceiver operative to transmit a unique signal.
31. (Original) The sample carrier of claim **30** wherein said transceiver is further operative to receive a control signal from a remote device.

32. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes is solid.
33. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes is porous.
34. (Previously Presented) The sample carrier of claim **20** wherein each of said plurality of discrete sample nodes is constructed of said sample support medium.
35. (Previously Presented) The sample carrier of claim **20** wherein said sample support medium comprises cellulose.
36. (Previously Presented) The sample carrier of claim **20** wherein said sample support medium comprises a polymer.
37. (Original) The sample carrier of claim **36** wherein said polymer is polystyrene.
38. (Previously Presented) The sample carrier of claim **20** wherein said sample support medium is derivatized.
39. (Original) The sample carrier of claim **38** wherein said sample support medium is positively charged.
40. (Original) The sample carrier of claim **38** wherein said sample support medium is negatively charged.
41. (Withdrawn) A method of transferring a specimen to a sample carrier; said method comprising:
  - providing a sample carrier comprising a structural array supporting a plurality of discrete sample nodes; each of said plurality of discrete sample nodes being removably attached to said structural array at a respective attachment point and comprising a sample support medium operative to support a sample of said specimen in desiccated form; and
  - contacting said plurality of discrete sample nodes to said specimen.
42. (Withdrawn) The method of claim **41** wherein said specimen is a solid.

43. (Withdrawn) The method of claim 41 wherein said specimen is gaseous.
44. (Withdrawn) The method of claim 41 wherein said specimen is a liquid.
45. (Withdrawn) The method of claim 41 further comprising selectively applying a preservative to said plurality of discrete sample nodes subsequent to said contacting.
46. (Withdrawn) The method of claim 45 wherein said preservative is operative to desiccate said specimen transferred to said plurality of discrete sample nodes.
47. (Withdrawn) The method of claim 41 further comprising washing said plurality of discrete sample nodes subsequent to said contacting.
48. (Withdrawn) The method of claim 41 further comprising allowing said plurality of discrete sample nodes to desiccate subsequent to said contacting.
49. (Withdrawn) A method of transferring specimens to a sample carrier; said method comprising:
  - providing a sample carrier comprising a plurality of structural arrays, each of said plurality of structural arrays being supported in a predetermined spatial relationship relative to a respective specimen container and supporting a plurality of discrete sample nodes; each of said plurality of discrete sample nodes being removably attached to said structural array at a respective attachment point and comprising a sample support medium operative to support a sample of a respective specimen in desiccated form; and
  - contacting said plurality of discrete sample nodes supported by selected ones of said plurality of structural arrays to said respective specimen.
50. (Withdrawn) The method of claim 49 wherein said contacting comprises bringing said plurality of discrete sample nodes supported by each of said plurality of structural arrays into contact with a specimen in said respective specimen container.
51. (Withdrawn) The method of claim 49 wherein said respective specimen is a solid.
52. (Withdrawn) The method of claim 49 wherein said respective specimen is gaseous.

53. (Withdrawn) The method of claim 49 wherein said respective specimen is a liquid.
54. (Withdrawn) The method of claim 49 further comprising applying a preservative to said plurality of discrete sample nodes supported by selected ones of said plurality of structural arrays subsequent to said contacting.
55. (Withdrawn) The method of claim 54 wherein said preservative is operative to desiccate said respective specimen transferred to said plurality of discrete sample nodes.
56. (Withdrawn) The method of claim 49 further comprising washing said plurality of discrete sample nodes subsequent to said contacting.
57. (Withdrawn) The method of claim 49 further comprising allowing said plurality of discrete sample nodes to desiccate subsequent to said contacting.
58. (Previously Presented) A sample carrier comprising:  
a structural array comprising a plurality of discrete sample nodes; wherein each of said plurality of discrete sample nodes is removably attached to said structural array at a respective attachment point and comprises a discrete sample support medium operative to support sample material in desiccate form; and  
a specimen carried by said sample support medium at one or more of said plurality of discrete sample nodes.
59. (Original) The sample carrier of claim 58 wherein said specimen is biological.
60. (Original) The sample carrier of claim 59 wherein said specimen is a protein.
61. (Original) The sample carrier of claim 59 wherein said specimen is a polynucleotide.
62. (Original) The sample carrier of claim 61 wherein said polynucleotide is DNA.
63. (Original) The sample carrier of claim 58 wherein said specimen is non-biological.
64. (Original) The sample carrier of claim 58 wherein said sample support medium is solid.

- 65. (Original) The sample carrier of claim **58** wherein sample support medium is porous.
- 66. (Original) The sample carrier of claim **58** wherein said sample support medium comprises cellulose.
- 67. (Original) The sample carrier of claim **58** wherein said sample support medium comprises a polymer.
- 68. (Original) The sample carrier of claim **58** wherein said sample support medium is derivatized.
- 69. (Original) The sample carrier of claim **58** wherein said sample support medium is treated with a chemical compound.